

**Direct reading—no reference
to conversion charts required!**

- Minimum training time required. Significant labor and time savings over alternative methods
- View tensions on all cables in the set, average tension and total tensile load on the back-lit display instantly. Display also features full text prompts
- Balance tensions in multiple lines in minutes
- Accommodates wide range of cable types and sizes, from $\frac{3}{16}$ " to 1"
- Factory-provided 5-line display for four cables can be optionally expanded to as many as 16 cables by keypad entry and scrolling
- One set of sheaves for wire rope sizes from $\frac{1}{4}$ " to $\frac{3}{4}$ " is included. Other size sheaves are optionally available
- Calibration for three wire rope sizes is included. They are for steel, $\frac{1}{2}$ ", $\frac{9}{16}$ " and $\frac{5}{8}$ ", all 8 x 19. Calibration for up to five additional sizes or types is optionally available
- Safety improvement gained by measurement method
- Highly visible yellow finish with easy to use soft-key interface
- Powered by two standard, easily-replaced AA batteries to provide long life between changes
- Two-year warranty

Elevator Cable Tension Meter Model QB-10000

Using the new QB-10000 Tension Meter, balancing the tensions on a set of cables takes minutes instead of hours and can be done by a single person, working alone, instead of two or three.

The new QB-10000 Quick Balance Tension Meter provides a quick and easy way to accurately measure and display all of the elevator traction cable tensions in a set while the tension on a single cable is being adjusted. This makes it extremely easy to balance the tensions of cables in a set of elevator cables or any other multiple-line array of tension cables, such as tower and stack guy wires, crane rigging sets and platform lifts, etc. The digital display also shows the average tension of the set as well as the total tensile load.

The QB-10000 installs easily, measures cable tension up to 10,000 lbs directly, stores readings and is removed from the cable in seconds. No lookup or reference to correction or conversion charts is required. Writing down measurements for comparison purposes is also not required.

QB-10000 is the ideal balancing tool for elevator cables and any other multi-line tension cable array.



QB-10000 Specifications

Capacity	10,000 Lbs / 45 kN / 4,500 kg
Accuracy	± 3% of full scale, when using cable that is calibrated for same wire rope size and type
	± 5% of full scale with same wire rope diameter as calibrated but different wire rope type
Number of Calibrations	Three factory installed for wire rope sizes: 1/2", 3/16", 5/8" all 8 x 19
	Up to 5 additional wire rope type or sizes can be optionally provided
Loading Error	Cable elongation of only 0.08" (2mm)
Display	Dot graphic, backlit LCD supports full text and 1.0" high digits
Sheave Set	Supplied with one set of sheaves for 1/4" to 3/4" wire rope. Other sheave sets are optionally available
Environmental Protection	Suitable for continued outdoor use
Temperature Operating Range	-4 °F to 140 °F (-20 °C to 60 °C)
Tension Units of Measure	Pound-force, kilogram force or Newtons, user-selectable
Resolution	Configurable for low, medium or high resolution



Display showing cable tension summary screen. To view a video demonstration of the QB-10000 click the button at right. *Note: you must have an active internet connection to view this video.*

[Click to Start Video Demo](#)

Complete Kit

The QB-10000 Quick Balance Tension Meter is supplied as a complete kit including 10,000 lb capacity meter, fitted with 1/4" to 3/4" Sheave Set and three pre-loaded calibrations for

- 1/2" 8x19
- 3/16" 8x19
- 5/8" 8x19

Shipped in foam-fitted, hard-plastic carrying case

Optional Accessories

QB-ADDCAL	Calibration for EACH additional wire rope type or size
QB-SH-L	Code L Sheave for wires from 3/16" to 1/4"
QB-SH-P	Code P Sheave for wires from 3/16" to 1/2"
QB-SH-T	Code T Sheave for wires from 1/2" to 1"

